



Pre-Caching and Mirroring Web Page Content using a Cachepilot

If you use the advanced caching features of the CachePilot it will automatically keep up-to-date copies of pages you browse to, so if another user visits the same Internet page this information is held locally in your school rather than on the Internet. As the unit needs to hold more pages and become full, the least used information is automatically deleted.

To preload web content onto the CachePilot for your lessons you can do one of two things to preload the required information ahead of time:

1. **Pre-Cache** the required pages.
Pages downloaded overnight ready for your class that week. Pre-cached content will be automatically deleted after a number of days.
2. **Mirror** the required pages.
Pages and all files remain permanently on CachePilot – Care needs to be taken not to fill the disk – deleting has to occur manually. This method of pre-caching is preferable than pre-caching as all data is stored in an identical fashion to the source website.

A. Logging on to CachePilot

You will need to logon to your CachePilot as a teacher. To do this:-

1. Launch your Internet browser e.g. Internet Explorer,
2. Browse to the address,

<http://cachepilot/> (or your IP address)

Hit the enter key on the keyboard, or click on **go**.

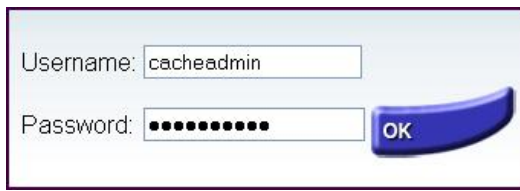
3. You may be asked, "Do you want to proceed?"
Click yes to this.
4. Click on the **Administration access** link



Click on 'yes' and 'OK' to any further questions which, appear.

5. Log on with username **cacheadmin** and the password **provided by your LEA or school**.

(Remember to keep this information safe as you may not want children to be able to access the cache box).



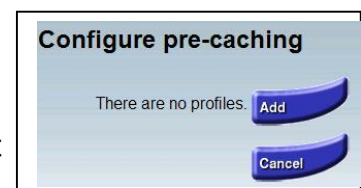
B. Pre-caching web pages to the CachePilot

Having logged on to the CachePilot, you are now ready to pre-cache a website.

1. Select **Web pre-cache** from the left hand menu



2. Click on the **Add** button. The first time you cache a site there will be no profiles (a cached website is referred to as a profile), on the cache box. When subsequent sites are added, these will be listed).





3. Create a new profile by entering the name of the website in the box alongside **Profile name** e.g **CLEO**

4. Type in the period of time which, you would like the website to update e.g. **Every 24 hours**. (This will check for updates on the website once a day and update your cache).

A screenshot of a "Configure pre-caching" dialog box. It contains the following fields: "Profile name:" with the value "cleo"; "Every:" with the value "24" and the unit "hours"; "When:" with a dropdown menu showing "working hours"; "Pre-cache URL:" with the value "www.cleo.net.uk"; and a "Get now" checkbox which is checked. At the bottom right, there are two buttons: "OK" and "Cancel". Three black arrows point from the text instructions to the "Profile name", "Every", and "Pre-cache URL" fields.

5. Click on the drop down menu arrow next to the word **When** and select when you would like the website to update from the list which appears e.g. **working hours** Ideally your network manager should create a timeband caching which has a time period 4 – 8 am content is then checked before school begins.

6. In the box next to **Pre-cache URL**, type in the URL for the website e.g. www.cleo.net.uk

7. Click inside the box next to **Get now** if you want the website to be downloaded immediately, and click on the **OK** button to tell the cache box to find the website and cache it to the box.

8. The following message will now appear to inform you that the website is being cached. This will take a little time depending on the size of the website being cached it is generally better idea to pre-cache web segments or sections. You can check the progress of the cache by clicking on the **OK** button.

A screenshot of a confirmation dialog box titled "Configure pre-caching". It displays the message "This web site is now being pre-cached." above a large green checkmark icon. Below the checkmark, it says "New profile added." At the bottom right, there is an "OK" button. A black arrow points from the text instruction to the "OK" button.

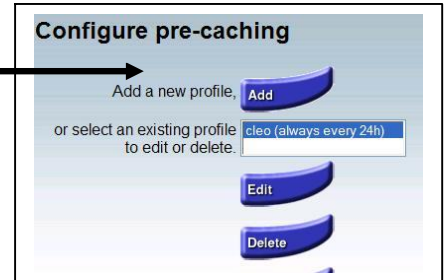
(NB You may find that some websites cannot be cached e.g. the British Pathe web site).



9. Clicking on the **OK** button at this point will take you to the the following page. Select the name of the website you want to check and click on the **Edit** button.

It will report :-

- a) **the completion of the cache process**
- b) **caching is still in progress.**

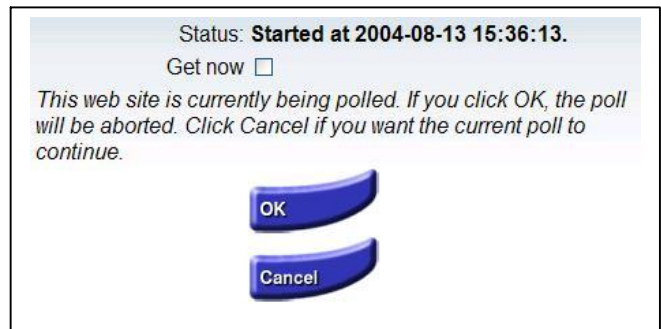


Take care not to use the **OK** button if caching is still going on as this will abort the process. Use the **Cancel** button or the back arrow on your browser to return to the previous page.

a)



b)



10. Once you have cached the web site, return to the main menu screen and click on the **Log out** button and close down the window.



11. To use the cached website, type the URL of the website into your Internet browser e.g. Internet explorer, and the website will be made available from the cache box.

NB. Some websites set a flag that stops caching systems copying the web page content, mirroring ignores this flag and will copy all content. Some websites are huge mirror the web sections that your school is interested in rather than the whole website.

C. Mirroring web pages to the CachePilot

To mirror a web site follow the same procedure as above however, at the first step select the **Web Mirror** button instead of the **Web pre-cache** button. Now continue to follow the remainder of the instructions. When a mirror is complete (as in 9 above for pre-caching) a link to the mirrored site is also displayed.